

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

- 1 1. (currently amended ) A method of translating blocked data transferred from a program executing on one of a plurality of computer systems to another of the plurality of computer systems, wherein:  
4 the plurality of computer systems comprises:
  - 5 a first computer system containing a first program communicating through  
6 an API with a first interface system, and
  - 7 a second computer system containing a second interface system for  
8 communicating with the first interface system;  
9 the first computer system and the second computer system are heterogeneous  
10 computer systems coupled together over a communications link;  
11 said method comprising:
  - 12 A) opening a first session from the first program via the API through the first  
13 interface system to the second interface system;
  - 14 B) specifying from the first program via the API, a first translation for records  
15 transmitted over the first session;
  - 16 C) blocking a first plurality of records into a first block of records;
  - 17 D) transmitting the first block of records over the first session from the first  
18 computer system to the second computer system;
  - 19 E) unblocking the first block of records into the first plurality of records on the  
20 second computer system ; and
  - 21 F) translating each of the first plurality of records in accordance with the  
22 translation specified in step (B).
- 1 2. (original) The method in claim 1 wherein:  
2 the translating in step (F) is performed in the first interface system.

- 1 3. (original) The method in claim 1 wherein:  
2 the translating in step (F) is performed in the second interface system.
  
- 1 4. (original) The method in claim 1 wherein:  
2 each of the first plurality of records comprises a plurality of fields;  
3 one of the plurality of fields is an alphanumeric field; and  
4 the translating in step (F) comprises:  
5 translating each character in the one of the plurality of fields from a first  
6 character format to a second character format.
  
- 1 5. (original) The method in claim 1 wherein:  
2 each of the first plurality of records comprises a plurality of fields;  
3 one of the plurality of fields is an integer field; and  
4 the translating in step (F) for each of the first plurality of records comprises:  
5 1) translating an integer in the one of the plurality of fields from a  
6 first integer format to a second integer format.
  
- 1 6. (original) The method in claim 5 wherein:  
2 the translating in substep (1) of step (F) includes changing from a first endian  
3 format to a second endian format.
  
- 1 7. (original) The method in claim 1 wherein:  
2 each of the first plurality of records comprises a plurality of fields;  
3 one of the plurality of fields is an floating point field;  
4 the translating in step (F) for each of the first plurality of records comprises:  
5 1) translating floating point numbers in the one of the plurality of  
6 fields from a first floating point format to a second floating point  
7 format.
  
- 1 8. (original) The method in claim 1 wherein:  
2 the specifying in step (B) utilizes a file containing a record description.
  
- 1 9. (original) The method in claim 1 wherein:  
2 the specifying in step (B) utilizes a memory area containing a record description.

- 1 10. (currently amended) The method in claim 1 which further comprises:  
2 G) opening a second session from the first program via the API through the first  
3 interface system to a third interface system in a third computer system  
4 coupled to the first computer system;  
5 H) specifying from the first program via the API, a second translation for records  
6 transmitted over the second session;  
7 I) blocking a second plurality of records into a second block of records;  
8 J) transmitting the second block of records over the second session from the  
9 first computer system to the third computer system ;  
10 K) unblocking the second block of records into the second plurality of records on  
11 the third computer system; and  
12 L) translating each of the second plurality of records in accordance with the  
13 translation specified in step (H).

1 11. (currently amended) A data processing system having software stored in a set of  
2 Computer Software Storage Media for translating blocked data transferred from a  
3 program executing on one of a plurality of computer systems to another of the  
4 plurality of computer systems, wherein:  
5 the plurality of computer systems comprises:  
6       a first computer system containing a first program communicating through  
7            an API with a first interface system, and  
8       a second computer system containing a second interface system for  
9            communicating with the first interface system;  
10      the first computer system and the second computer system are heterogeneous  
11            computer systems coupled together over a communications link;  
12      said software comprising:  
13       A) a set of computer instructions for opening a first session from the first  
14            program via the API through the first interface system to the second  
15            interface system;  
16       B) a set of computer instructions for specifying from the first program via the  
17            API, a first translation for records transmitted over the first session;  
18       C) a set of computer instructions for blocking a first plurality of records into a  
19            first block of records;  
20       D) a set of computer instructions for transmitting the first block of records over  
21            the first session from the first computer system to the second computer  
22            system;  
23       E) a set of computer instructions for unblocking the first block of records into the  
24            first plurality of records on the second computer system; and  
25       F) a set of computer instructions for translating each of the first plurality of  
26            records in accordance with the translation specified in set (B).

1 12. (original) The software in claim 11 wherein:  
2       the translating in set (F) is performed in the first interface system.

1 13. (original) The software in claim 11 wherein:  
2       the translating in set (F) is performed in the second interface system.

- 1 14. (original) The software in claim 11 wherein:  
2 each of the first plurality of records comprises a plurality of fields;  
3 one of the plurality of fields is an alphanumeric field; and  
4 the translating in set (F) comprises:  
5 translating each character in the one of the plurality of fields from a first  
6 character format to a second character format.
- 1 15. (original) The software in claim 11 wherein:  
2 each of the first plurality of records comprises a plurality of fields;  
3 one of the plurality of fields is an integer field; and  
4 the translating in set (F) for each of the first plurality of records comprises:  
5 1) a set of computer instructions for translating an integer in the one  
6 of the plurality of fields from a first integer format to a second  
7 integer format.
- 1 16. (original) The software in claim 15 wherein:  
2 the translating in subset (1) of set (F) includes changing from a first endian format  
3 to a second endian format.
- 1 17. (original) The software in claim 11 wherein:  
2 each of the first plurality of records comprises a plurality of fields;  
3 one of the plurality of fields is an floating point field;  
4 the translating in set (F) for each of the first plurality of records comprises:  
5 1) a set of computer instructions for translating floating point  
6 numbers in the one of the plurality of fields from a first floating  
7 point format to a second floating point format.
- 1 18. (original) The software in claim 11 wherein:  
2 the specifying in set (B) utilizes a file containing a record description.
- 1 19. (original) The software in claim 11 wherein:  
2 the specifying in set (B) utilizes a memory area containing a record description.

1 20. (currently amended) The software in claim 11 which further comprises:

2 G) a set of computer instructions for opening a second session from the first

3 program via the API through the first interface system to a third interface

4 system in a third computer system coupled to the first computer system;

5 H) a set of computer instructions for specifying from the first program via the

6 API, a second translation for records transmitted over the second session;

7 I) a set of computer instructions for blocking a second plurality of records into a

8 second block of records;

9 J) a set of computer instructions for transmitting the second block of records

10 over the second session from the first computer system to the third

11 computer system;

12 K) a set of computer instructions for unblocking the second block of records into

13 the second plurality of records on the third computer system and

14 L) a set of computer instructions for translating each of the second plurality of

15 records in accordance with the translation specified in set (H).

1 21. (currently amended) A computer readable Non-Volatile Storage Medium  
2 encoded with software for translating blocked data transferred from a program  
3 executing on one of a plurality of computer systems to another of the plurality of  
4 computer systems, wherein:  
5 the plurality of computer systems comprises:  
6       a first computer system containing a first program communicating through  
7            an API with a first interface system, and  
8       a second computer system containing a second interface system for  
9            communicating with the first interface system;  
10      the first computer system and the second computer system are heterogeneous  
11            computer systems coupled together over a communications link;  
12      said software comprising:  
13       A) a set of computer instructions for opening a first session from the first  
14            program via the API through the first interface system to the second  
15            interface system;  
16       B) a set of computer instructions for specifying from the first program via the  
17            API a first translation for records transmitted over the first session;  
18       C) a set of computer instructions for blocking a first plurality of records into a  
19            first block of records;  
20       D) a set of computer instructions for transmitting the first block of records over  
21            the first session from the first computer system to the second computer  
22            system;  
23       E) a set of computer instructions for unblocking the first block of records into the  
24            first plurality of records on the second computer system; and  
25       F) a set of computer instructions for translating each of the first plurality of  
26            records in accordance with the translation specified in set (B).

1 22. (currently amended) A data processing system having software stored in a set of  
2 Computer Software Storage Media for translating blocked data transferred from a  
3 program executing on one of a plurality of computer systems to another of the  
4 plurality of computer systems, wherein:  
5 the plurality of computer systems comprises:  
6       a first computer system containing a first program communicating through  
7                an API with a first interface system, and  
8       a second computer system containing a second interface system for  
9                communicating with the first interface system;  
10      the first computer system and the second computer system are heterogeneous  
11                computer systems coupled together over a communications link;  
12      said software comprising:  
13       A) means for opening a first session from the first program via the API through  
14                the first interface system to the second interface system;  
15       B) means for specifying from the first program via the API, a first translation for  
16                records transmitted over the first session;  
17       C) means for blocking a first plurality of records into a first block of records;  
18       D) means for transmitting the first block of records over the first session from  
19                the first computer system to the second computer system ;  
20       E) means for unblocking the first block of records into the first plurality of  
21                records on the second computer system; and  
22       F) means for translating each of the first plurality of records in accordance with  
23                the translation specified in set (B).